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FTFSS5/211810Z ZPO

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OPCEN PASS

Section	Act	Info
Comdr		
DCS		
DCO (2)		
DCM (2)		
Secur		
Admin		
Medic		
Finan		
R & D		
Commo		
HCR		
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H-1		
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H-2M		
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SECRET 011758Z MAY 68 CITE

PRIORITY INFO

SUBJECT: EVALUATION OF BLACK SHIELD MISSION BX6858

1. CAMERA TYPE I (115A), UNIT F WAS USED ON MISSION BX6858 FLOWN 6 MAY 1968. BOTH CAMERAS OPERATED SATISFACTORILY THROUGHOUT THE MISSION. THE MISSION CONTAINS 1520 TITLED FRAMES.

2. GROUND RESOLUTION IS FAIR THROUGHOUT THE MISSION. THE BEST RESOLUTION IS ESTIMATED TO BE 3.5 FEET (BAR PLUS SPACE) IN THE NEAR VERTICAL PORTIONS OF THE FORMAT. CLOUDS AND HAZE ARE A DEGRADING FACTOR THROUGHOUT THE ENTIRE MISSION.

3. EXPOSURE IS SATISFACTORY THROUGHOUT THE MISSION.

4. TWO MINUS DENSITY STREAKS PARALLEL TO THE MAJOR AXIS (1.35 AND 2.40 INCHES FROM THE TITLED EDGE) ARE PRESENT IN ALL FORWARD FRAMES THROUGHOUT THE MISSION. FAINT MINUS DENSITY STREAKS PARALLEL TO THE MAJOR AXIS ARE PRESENT IN ALL AFT FRAMES. BANDING PARALLEL TO THE MINOR AXIS OF THE FILM IS PRESENT FOR THE FIRST 1.0 TO 3.0 INCHES OF SCAN ON ALL FORWARD FRAMES. SIMILAR BANDING IS VISIBLE ON THE LAST 100 AFT FRAMES. THE TIMING DOTS ARE SKIPPED OFF THE FILM INTERMITTENTLY THROUGHOUT THE MISSION. A 1.0 INCH WIDE

TO THE MAJOR AXIS IS PRESENT ALONG BOTH

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EDGES OF ALL FRAMES.

5. SEVERAL FRAMES OF THE MISSION ARE RETITLED, PROBABLY DUE TO LOSS OF ORIGINAL TITLING DURING REWASHING OF THE ORIGINAL NEGATIVE. THE MISSION MATERIAL CONTAINS MORE THAN THE USUAL NUMBER OF HANDLING MARKS AND FOREIGN MATTER DEPOSITS.

6. ALL DATA CHAMBER RECORDINGS ARE OPERATIONAL THROUGHOUT THE MISSION. THE 1AS TAPE TO FILM CORRELATION IS SATISFACTORY.

7. NO APPRECIABLE DIFFERENCE IN IMAGE QUALITY IS NOTED BETWEEN THE ZERO PRIORITY POSITIVES AND THE Z1 PRODUCED POSITIVES.

8. THE INDEX MARK HAS BEEN PLACED ON THE MATERIAL FOR REFERENCE OF THE UNIVERSAL GRID. THE GRID INSTRUCTIONS ON THE HEAD AND IDIL IDENTIS DO NOT UTILIZE THE INDEX MARK. UPDATED GRID INSTRUCTIONS SHOULD BE PLACED ON THE IDENTIS.

9. CLOUDS OBSCURE APPROXIMATELY 55 PERCENT OF THE TOTAL MISSION FOOTAGE. PHOTOGRAPHY OVER THE LAND AREA WAS APPROXIMATELY 10 PERCENT MORE COVERED; HOWEVER, MEDIUM TO HEAVY HAZE DEGRADES THE REMAINING PHOTOGRAPHY OVER LAND AREAS.